

NPIC/TSG/RED-259/70
22 October 1970

MEMORANDUM FOR: Recipients of the "Final Report on Uncon-
ventional Silver Photographic Processes -
[] RS and [] Dry Silver

1. This report describes the preliminary findings of [] of how the subject unconventional processes function. Primary emphasis is placed on the chemical and physical mechanisms by which imagery is recorded, amplified and stabilized. Image characteristics are treated with less emphasis because they are the primary concern of our active project with another contractor.

2. The report presents an unbiased analysis and condensation of significant literature and constitutes the first authoritative revelation of Dry Silver mechanisms known to us. Its information on the RS process embellishes our prior knowledge.

3. We expect to update and refine this preliminary information as new literature appears or as presently closely-held information is released by the process suppliers. Current plans call for similar studies on the mechanisms of other unconventional systems pertinent to exploitation technology.

4. If further information is required concerning the reported information, contact []

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Chief, Research & Engineering Division, TSG
NPIC

Declass Review by
NIMA/DOD